

NWS Form E-5 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE MONTHLY REPORT OF HYDROLOGIC CONDITIONS	HYDROLOGIC SERVICE AREA: Pocatello, Idaho
	REPORT FOR: MONTH: April YEAR: 2012
TO: Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	SIGNATURE Dan Valle Hydrology Focal Point
	DATE: May 8, 2012
When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (NWS Instruction 10-924).	

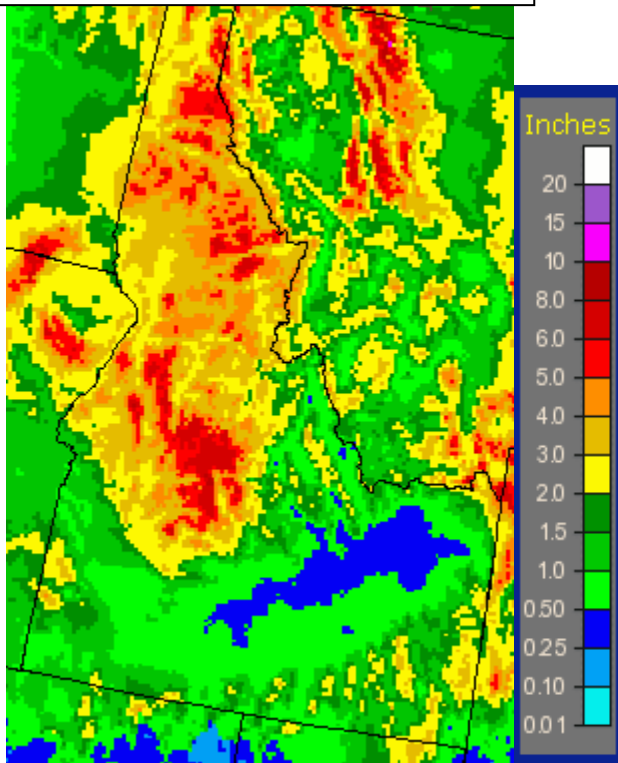
X An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.

Overview

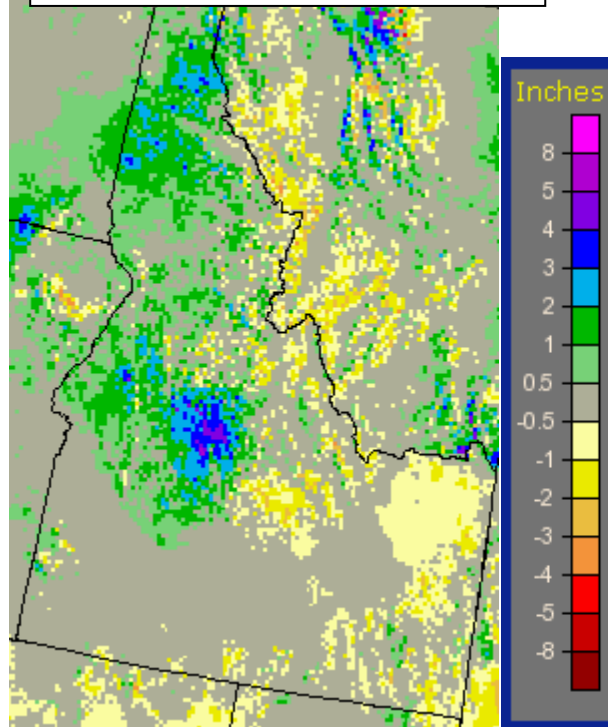
Warm and dry temperatures dominated much of April. There was some concern for flooding along portions of the Henrys Fork, Big Wood, and near Stanley because of record high temperatures melting the mid and upper elevation snowpack. However, cooler temperatures arrived before the rivers reached flood stage. Reservoir storage is still high from 2011 above normal snowpack.

Precipitation

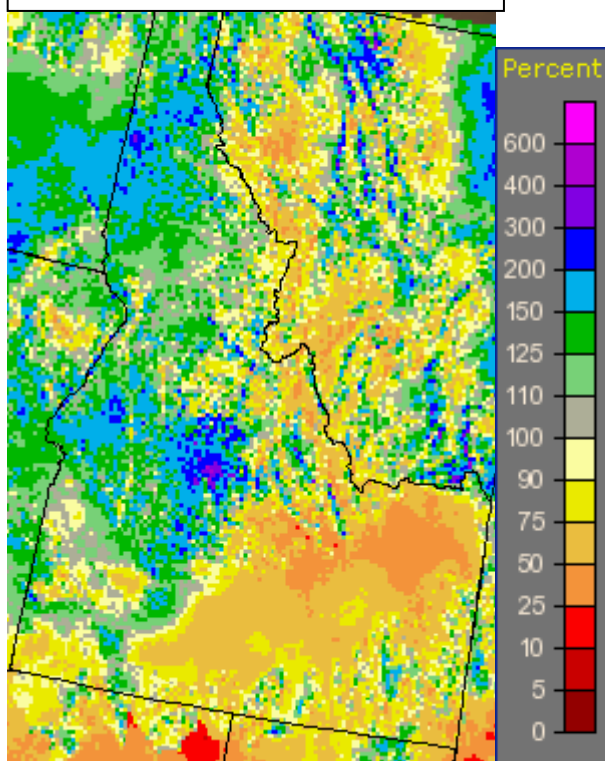
April 2012 observed precipitation



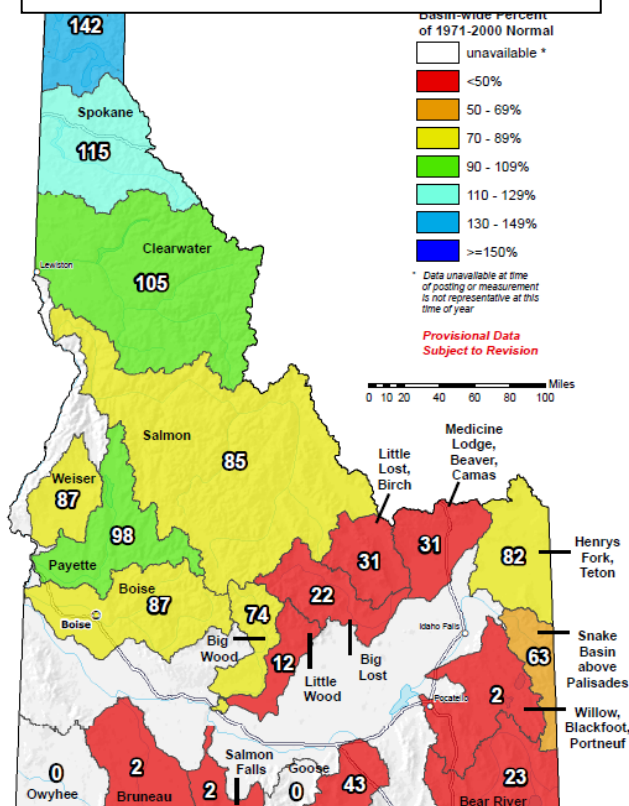
April 2012 precipitation departure from normal



April 2012 precipitation percent of normal



SWE Percent of Normal May 7, 2012



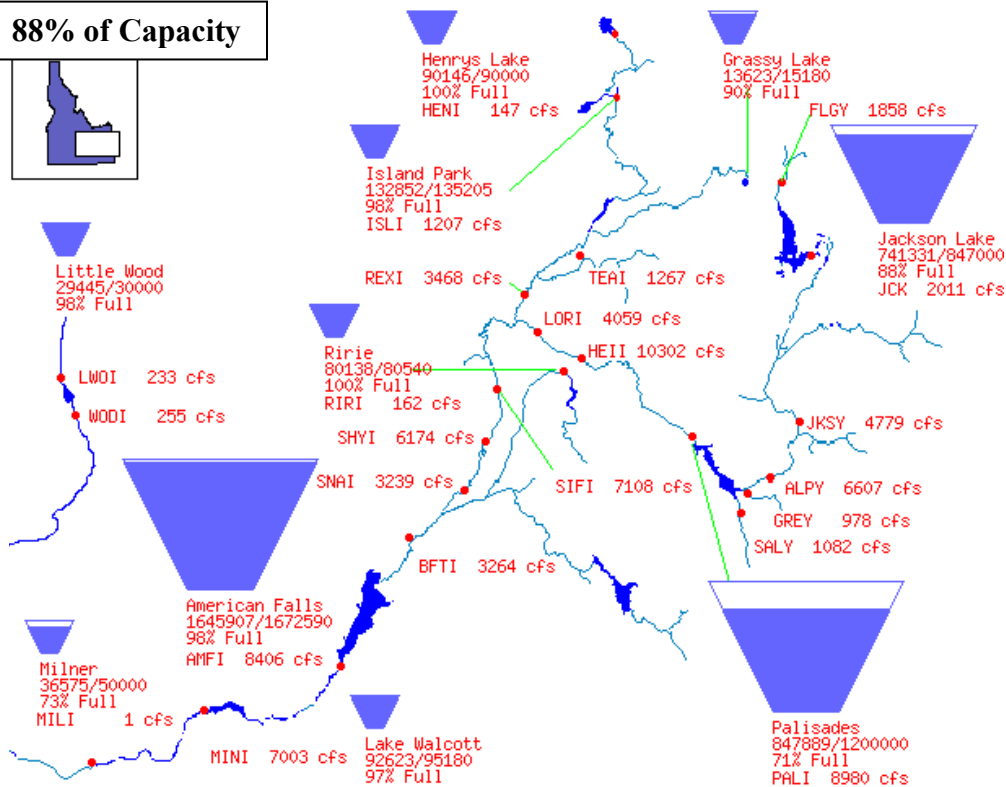
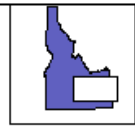
Reservoirs

Reservoir	% Capacity Mar 31 ¹	% Capacity Apr 31 ²	Percent Change	% of Average ²	% of Last Year ²
American Falls	92	100	8	112	109
Bear Lake	81	84	3	122	168
Blackfoot	85	92	7	126	126
Henry's Lake	100	100	0	103	99
Island Park	86	101	15	110	125
Little Wood	88	97	9	120	153
Mackay	96	100	4	128	141
Magic	97	98	1	125	106
Oakley	55	58	3	107	126
Palisades	81	75	-6	121	279
Ririe	73	99	26	141	115
Lake Walcott	93 ³	97 ⁴	4	n/a	n/a
Milner	73 ³	73 ⁴	0	n/a	n/a

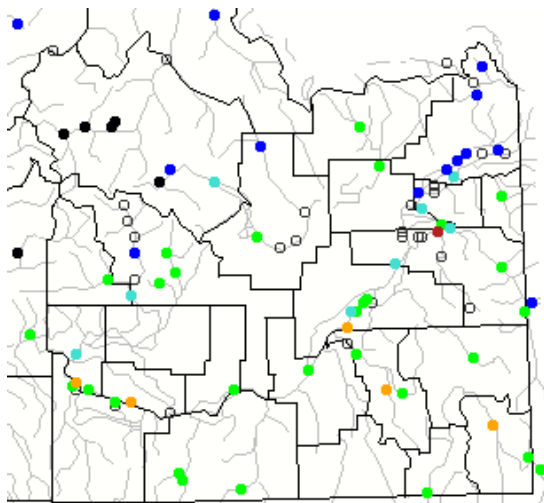
Source: (1) NRCS Mar 31, 2012; (2) NRCS Apr 31, 2012.

(3) US Bureau of Reclamation (BOR) Apr 7, 2012 (4) BOR May 6, 2012

88% of Capacity



Streamflow



Monthly streamflow compared to historical streamflow for March, 2012.



Explanation - Percentile classes

Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal		

cc: Mike Schaffner, Western Region HCSD
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